

Supporting Information for

## **A Comparative Study on Luminescent Copolymers of Fluorene and Carbazole with Conjugated or $\delta$ -Si Interrupted Structures: The Steric Effects**

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### **\* Corresponding Authors**

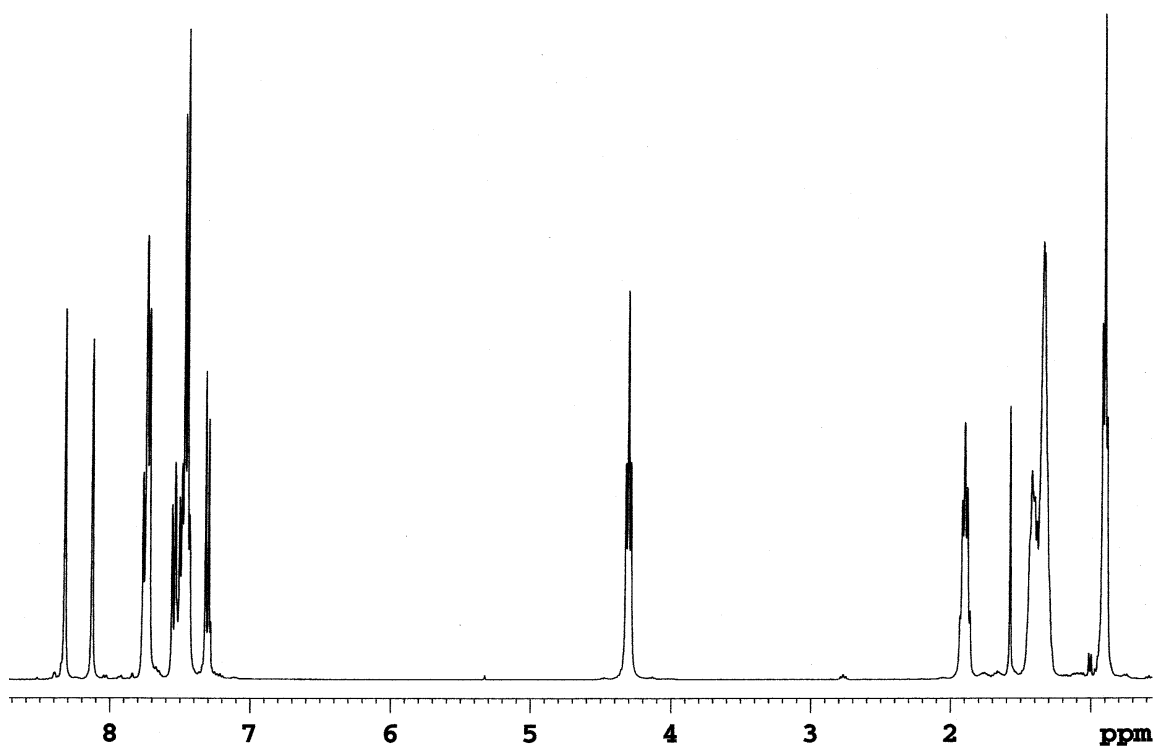
Xue-Ming Liu (Dr.) and Chaobin He (Dr.)

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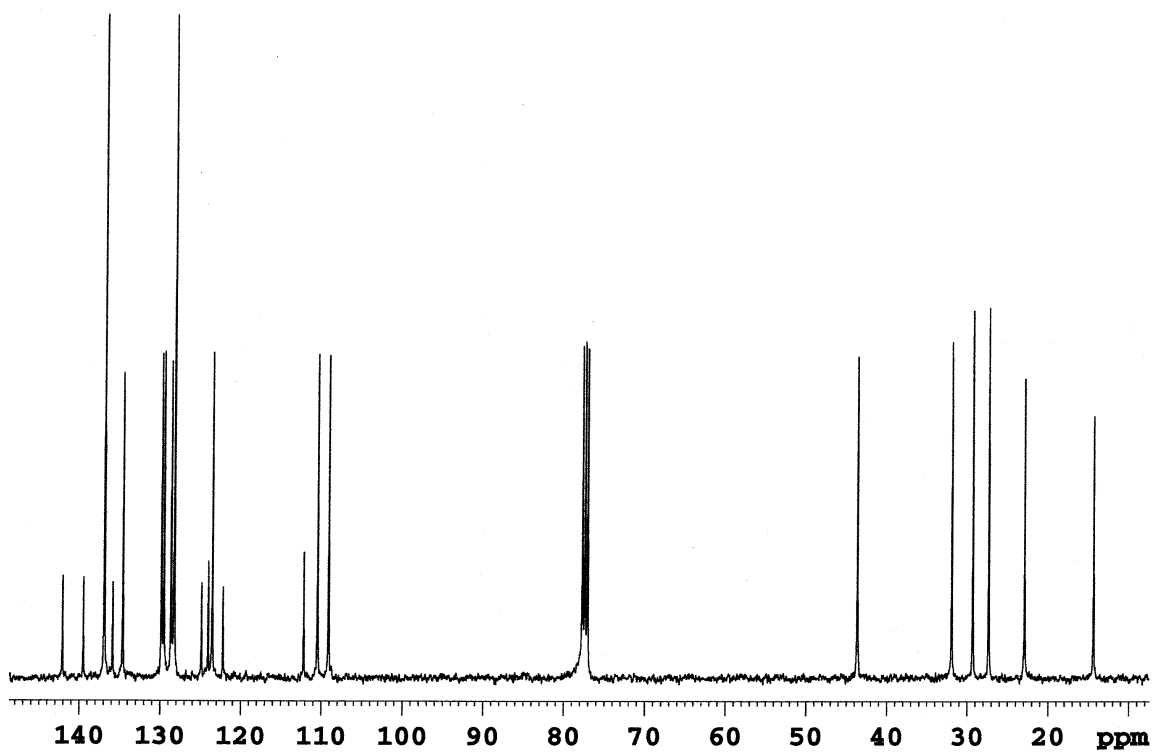
Fax: 65-68727528

**Email address:** [xm-liu@imre.a-star.edu.sg](mailto:xm-liu@imre.a-star.edu.sg); [cb-he@imre.a-star.edu.sg](mailto:cb-he@imre.a-star.edu.sg)

*Spectroscopic information for precursors 2 and 3, and polymers P1–P4*



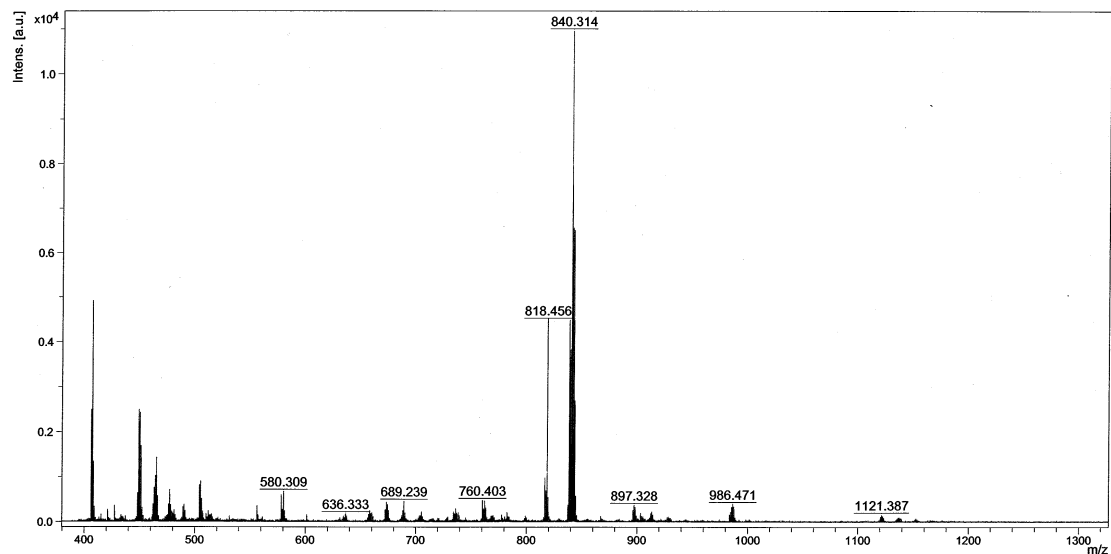
**Figure S1.** The  $^1\text{H}$  NMR spectrum of **2** in  $\text{CDCl}_3$ .



**Figure S2.** The  $^{13}\text{C}$  NMR spectrum of **2** in  $\text{CDCl}_3$ .

D:\data\Sudhakar\Data\NF-S2-P1\0\_E23\1

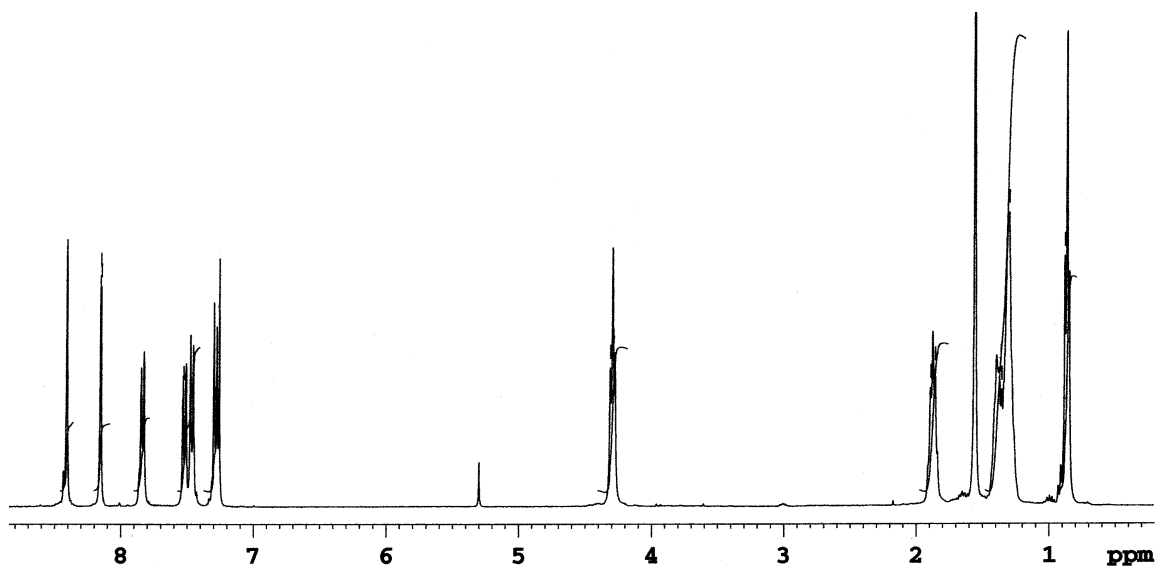
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Comment 2 Sample 2mg in 1ml THF



Bruker Daltonics flexAnalysis

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**Figure S3.** The MALDI-TOF MS spectrum of **2**.



**Figure S4.** The <sup>1</sup>H NMR spectrum of **3** in CDCl<sub>3</sub>.

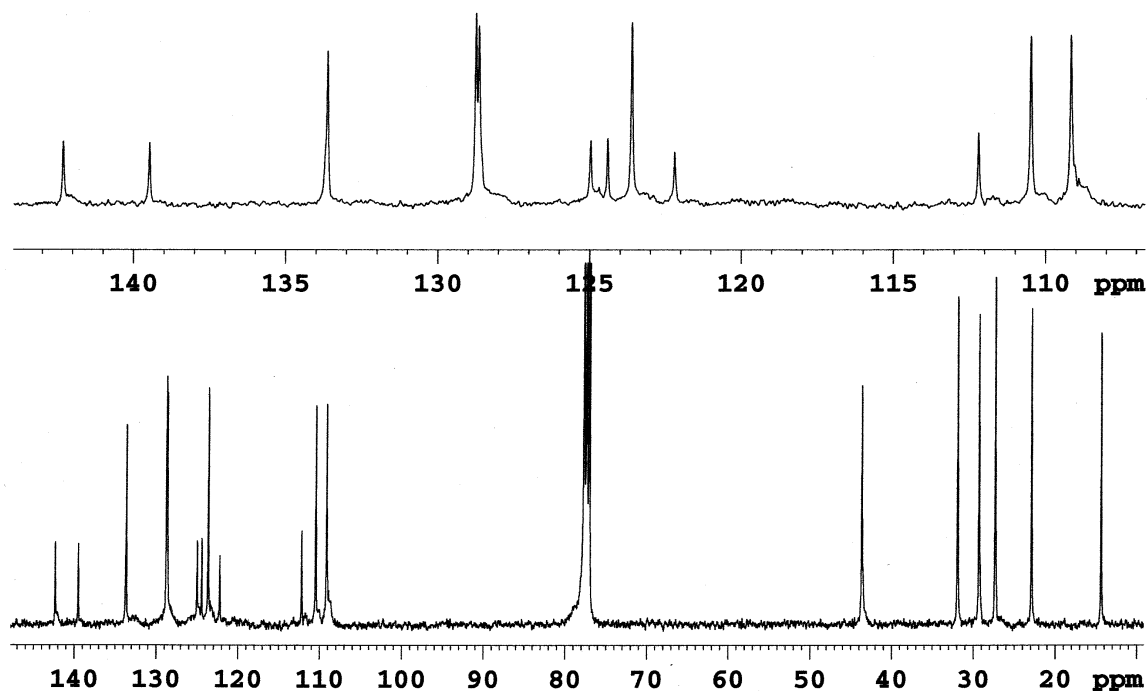


Figure S5. The  $^{13}\text{C}$  NMR spectrum of **3** in  $\text{CDCl}_3$ .

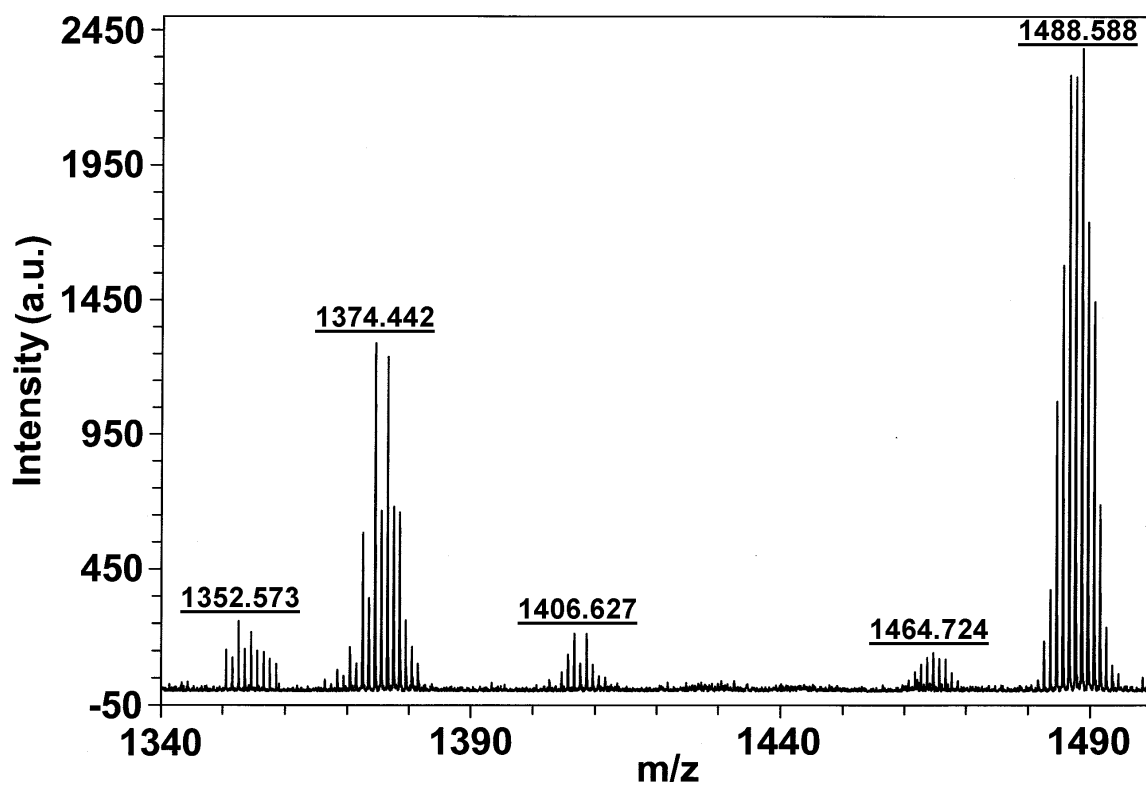
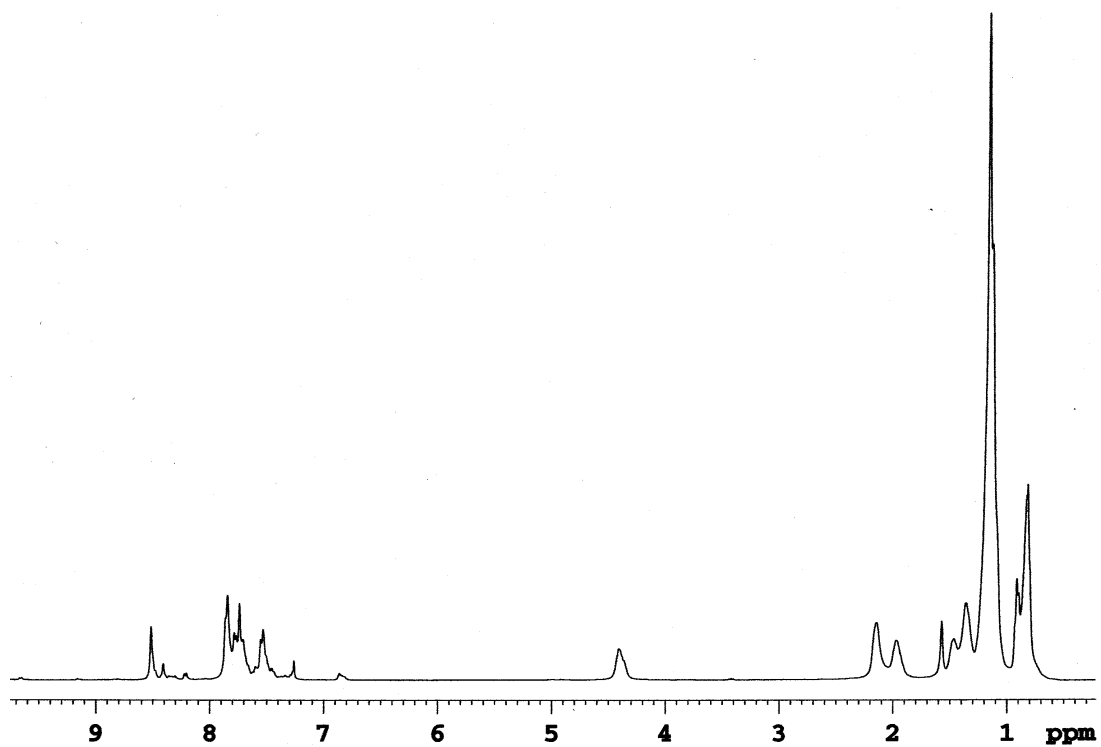
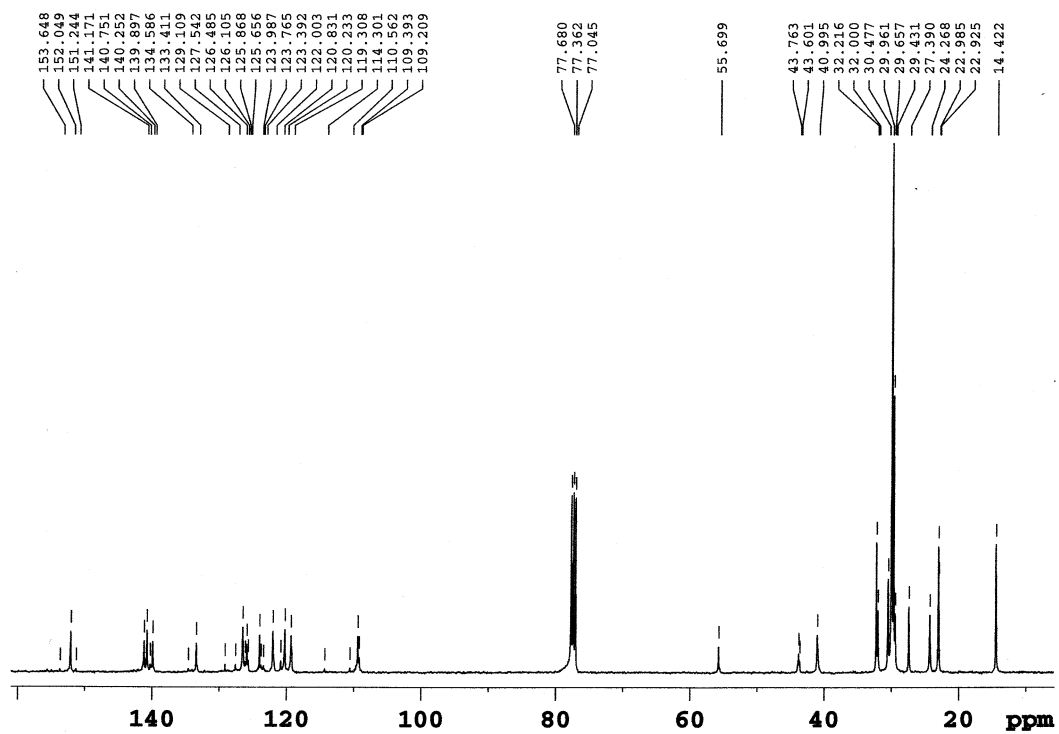


Figure S6. The MALDI-TOF MS spectrum of **3**



**Figure S7.** The  $^1\text{H}$  NMR spectrum of **P1** in  $\text{CDCl}_3$ .



**Figure S8.** The  $^{13}\text{C}$  NMR spectrum of **P1** in  $\text{CDCl}_3$ .

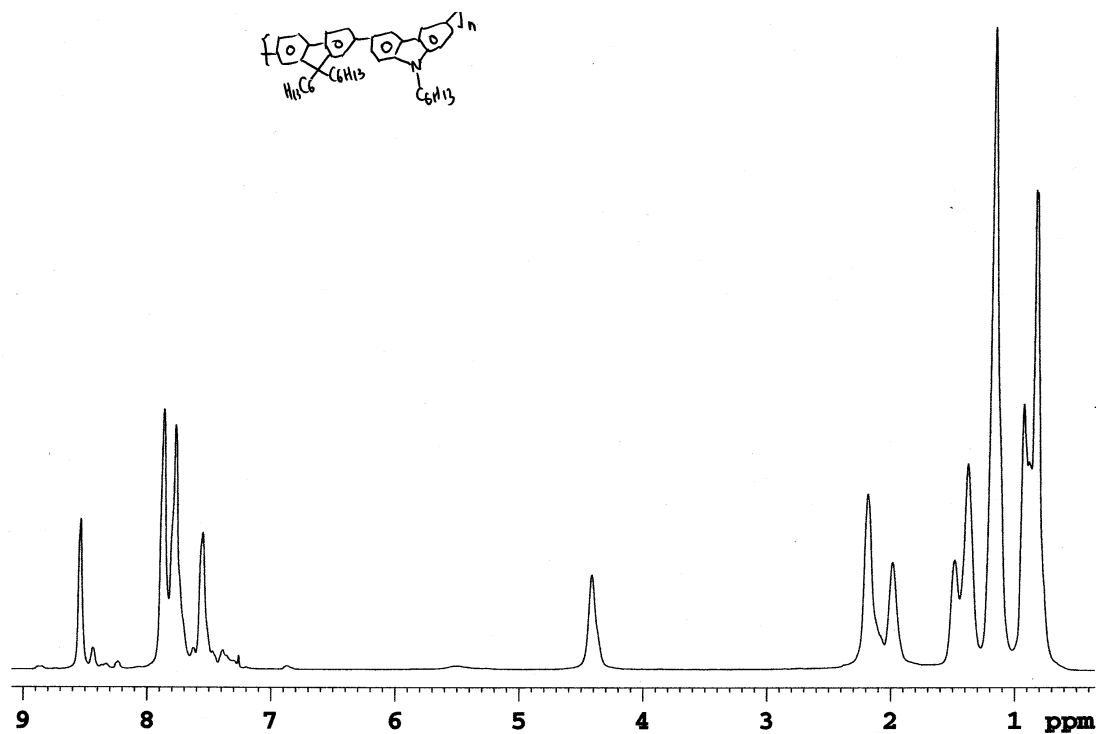


Figure S9. The <sup>1</sup>H NMR spectrum of **P2** in CDCl<sub>3</sub>.

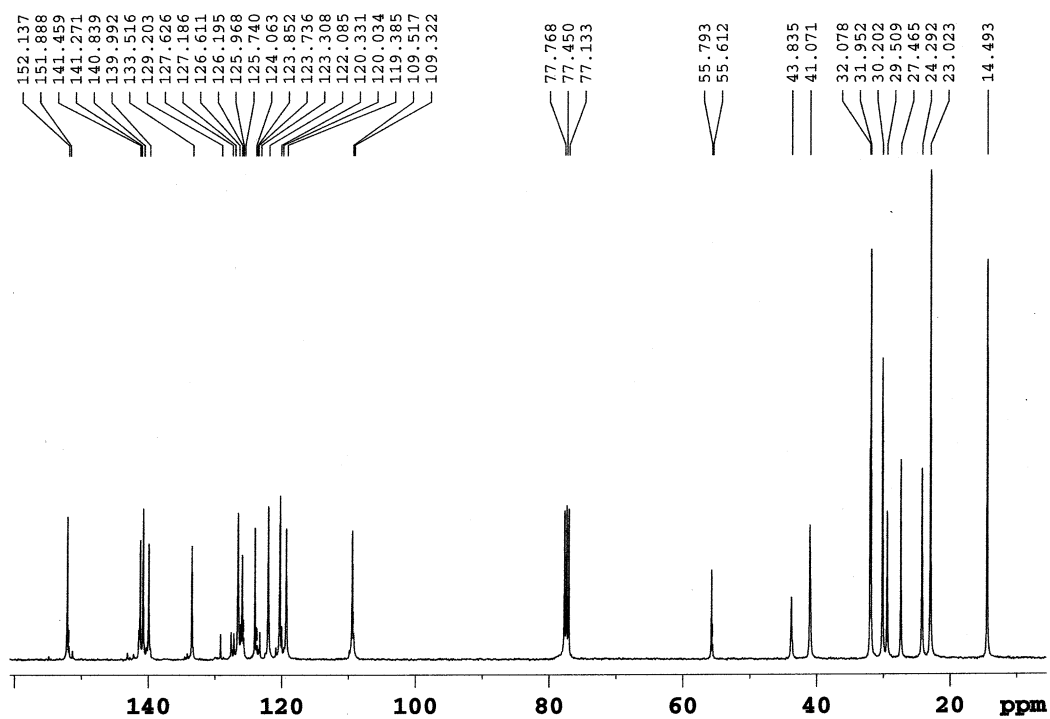
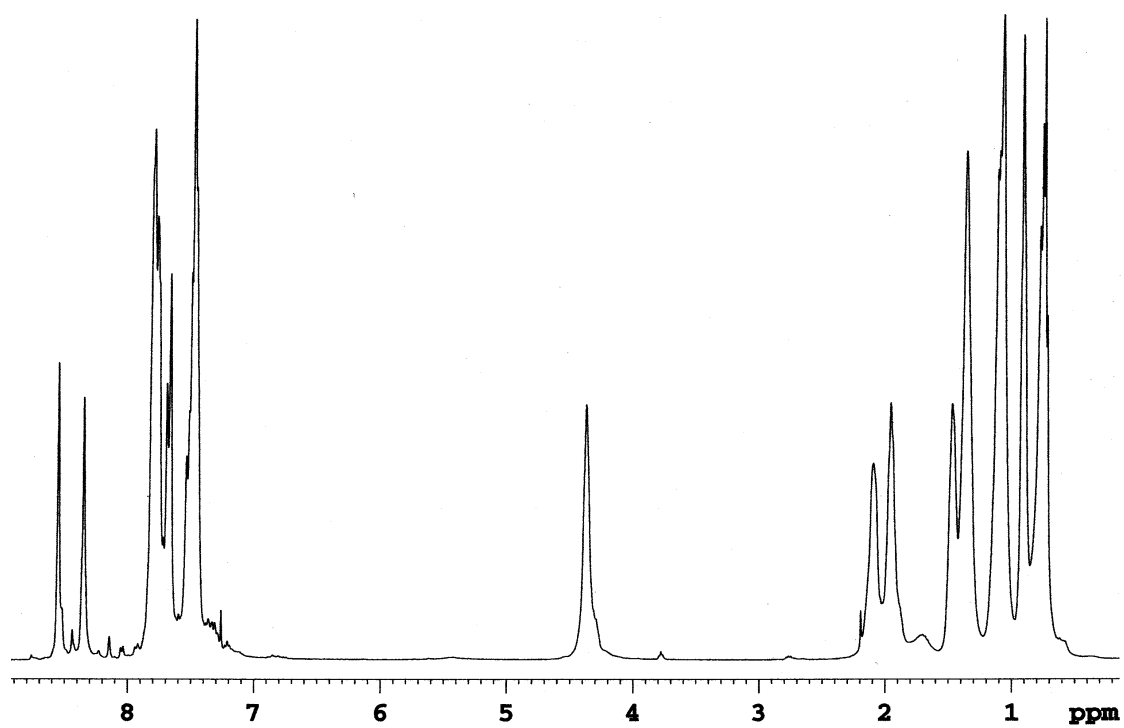
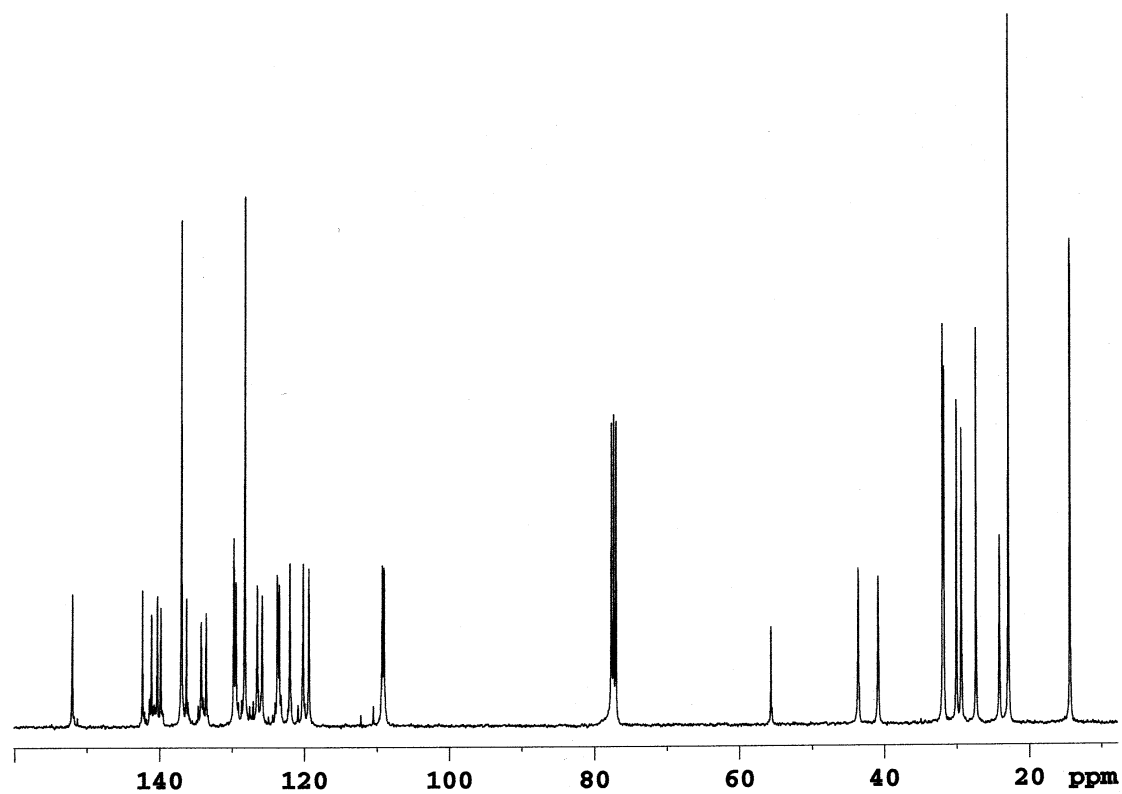


Figure S10. The <sup>13</sup>C NMR spectrum of **P2** in CDCl<sub>3</sub>.



**Figure S11.** The  $^1\text{H}$  NMR spectrum of **P3** in  $\text{CDCl}_3$ .



**Figure S12.** The  $^{13}\text{C}$  NMR spectrum of **P3** in  $\text{CDCl}_3$ .

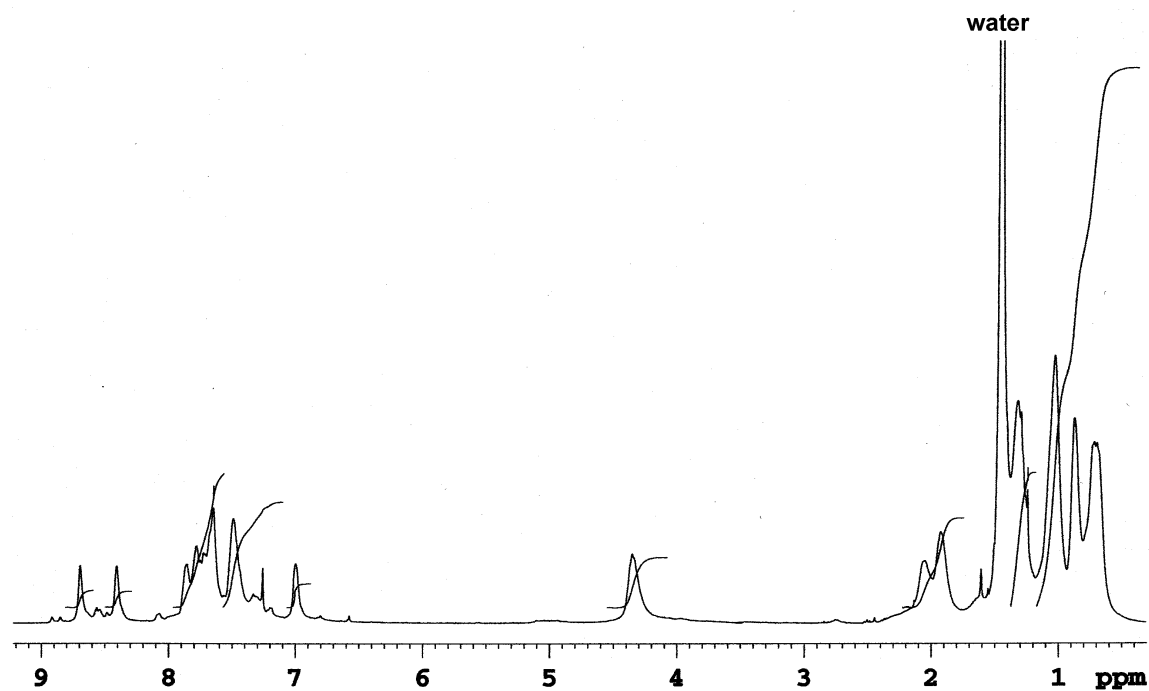


Figure S13. The <sup>1</sup>H NMR spectrum of **P4** in CDCl<sub>3</sub>.

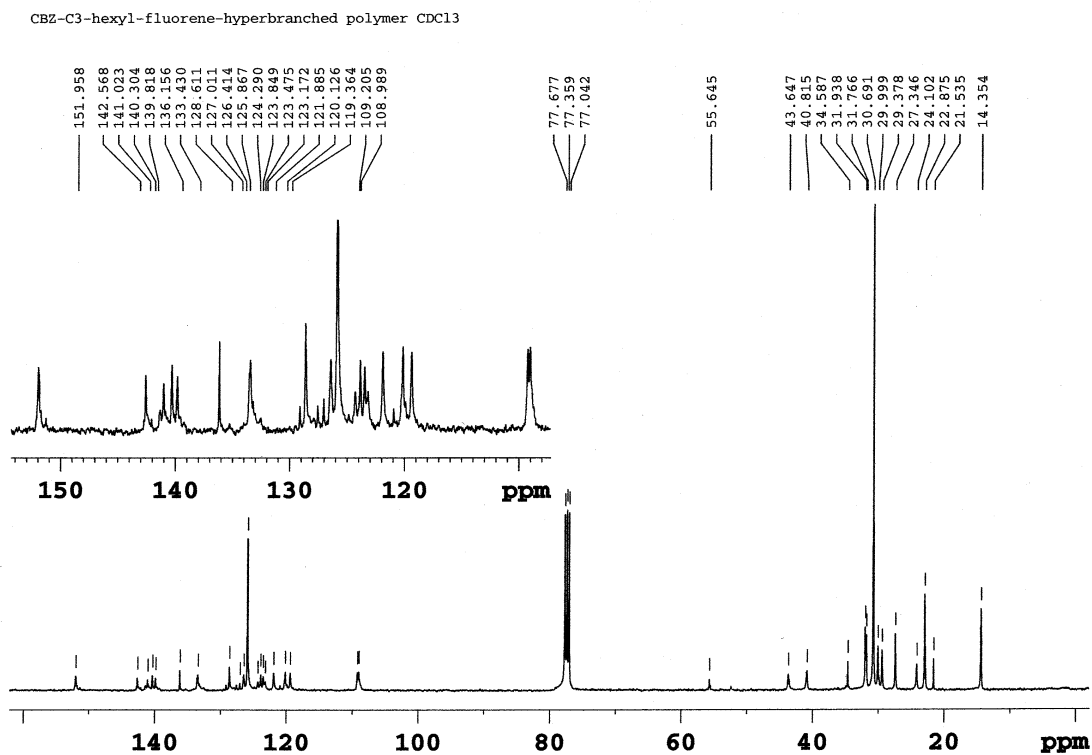


Figure S14. The <sup>13</sup>C NMR spectrum of **P4** in CDCl<sub>3</sub>.